

FIG. 1

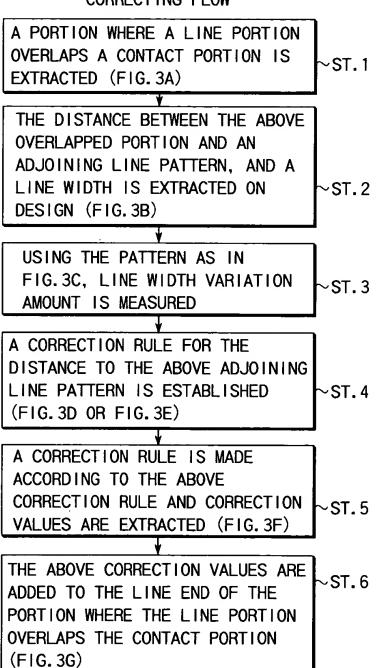


FIG. 2

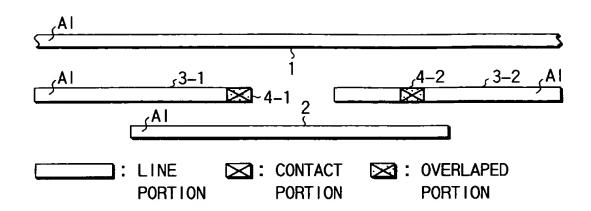


FIG.3A

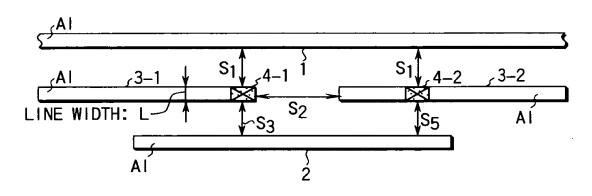


FIG.3B

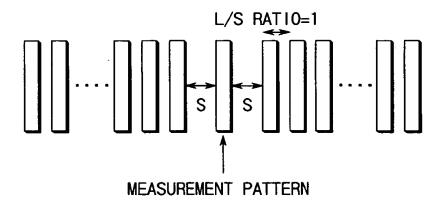


FIG. 3C

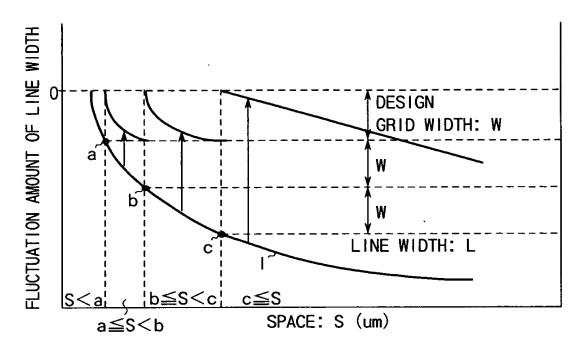


FIG. 3D

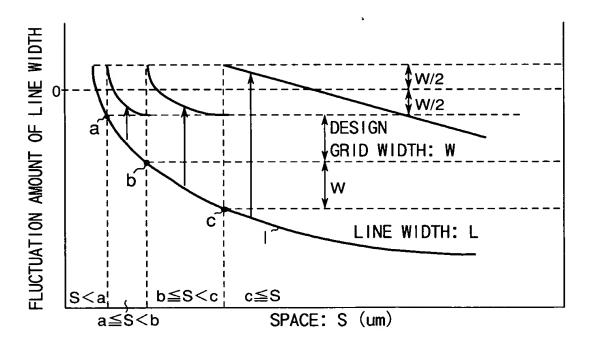


FIG. 3E

SPACE	FRINGE
S <a< td=""><td>0</td></a<>	0
a≦S <b< td=""><td>+W</td></b<>	+W
b≦S <c< td=""><td>+2W</td></c<>	+2W
S≧c	+3W

FIG.3F

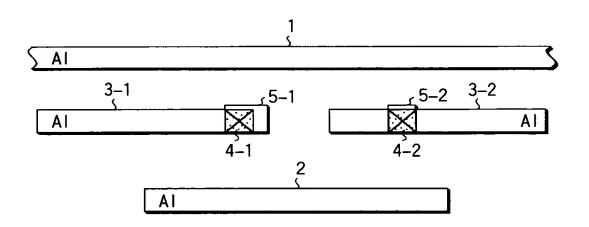


FIG. 3G

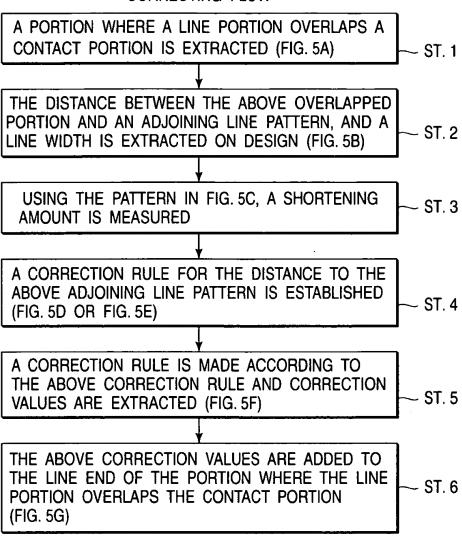


FIG. 4

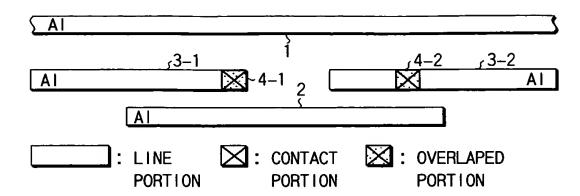


FIG. 5A

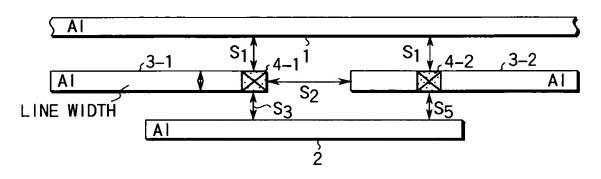


FIG. 5B

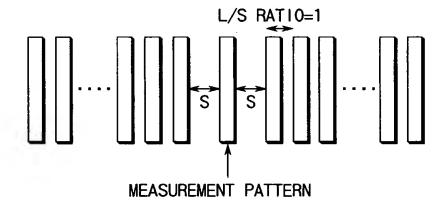


FIG.5C

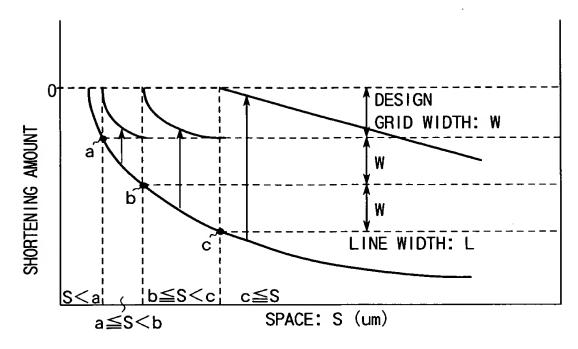


FIG.5D

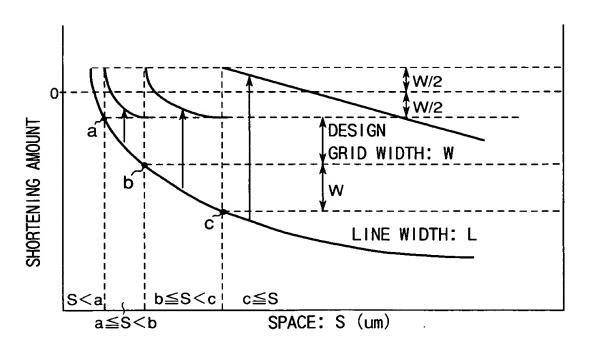


FIG. 5E

SPACE	FRINGE
S <a< td=""><td>0</td></a<>	0
a≦S <b< td=""><td>+W</td></b<>	+W
b≦S <c< td=""><td>+2W</td></c<>	+2W
S≧c	+3W

FIG.5F

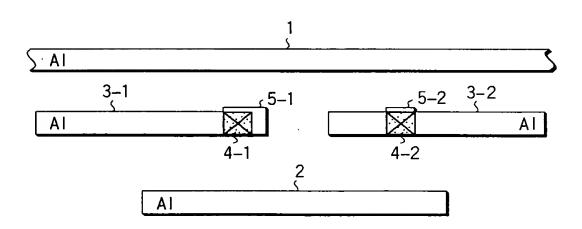


FIG.5G

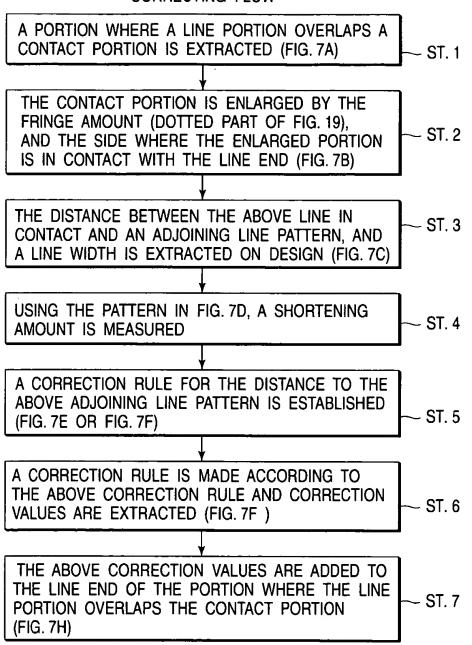


FIG. 6

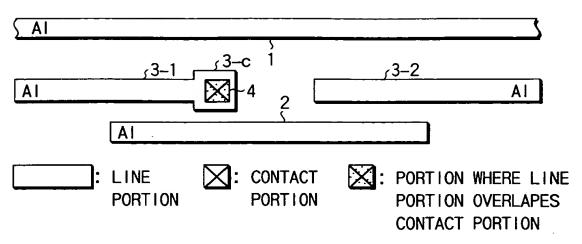


FIG. 7A

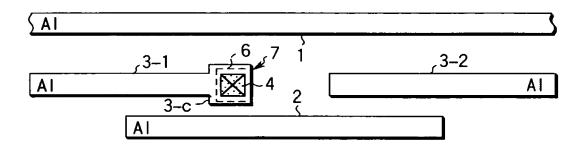
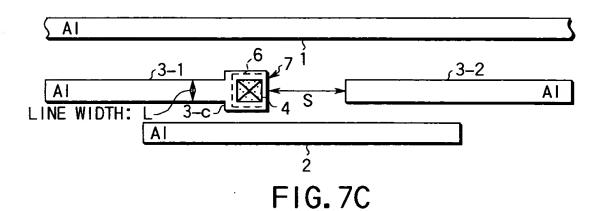


FIG.7B



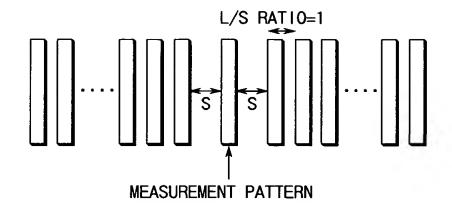


FIG.7D

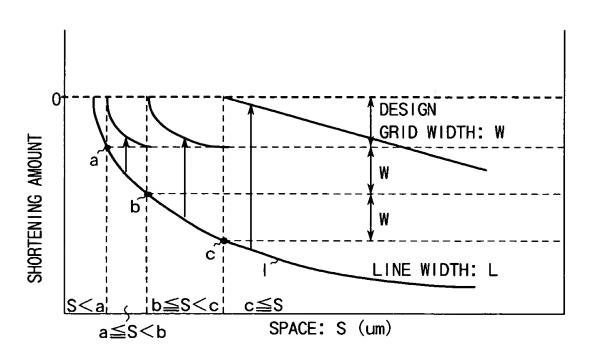


FIG.7E

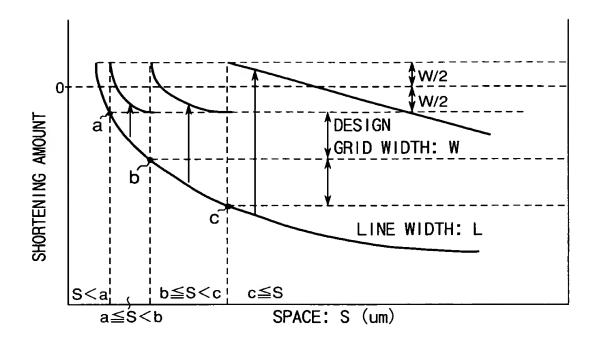


FIG.7F

SPEACE	FRINGE
S <a< td=""><td>0</td></a<>	0
a≦\$ <b< td=""><td>+W</td></b<>	+W
b <b>≦</b> S <c< td=""><td>+2W</td></c<>	+2W
S≧c	+3W

FIG.7G

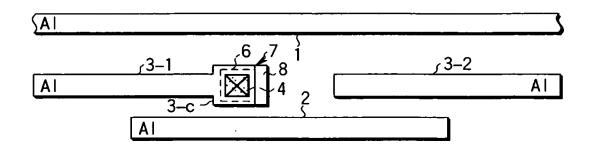


FIG.7H

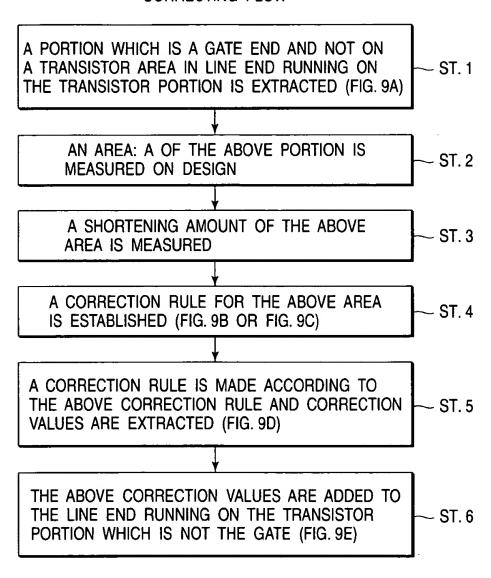
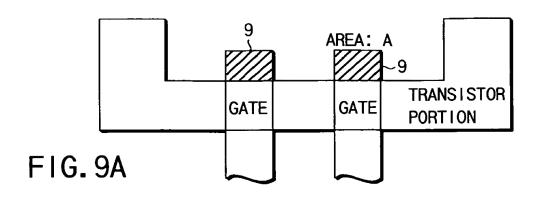


FIG. 8



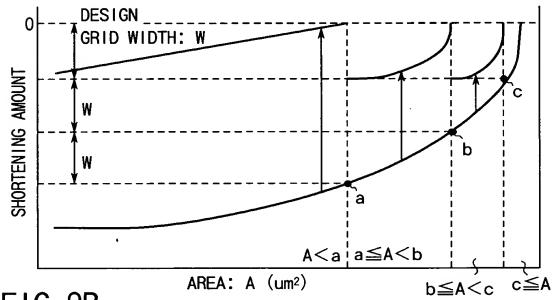


FIG.9B

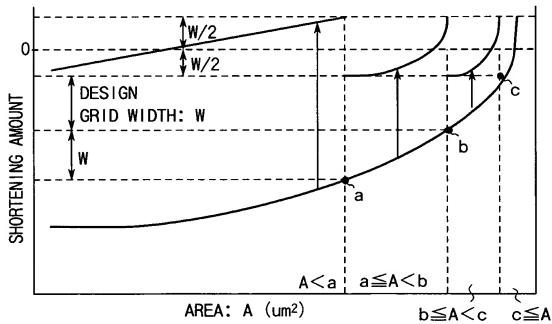
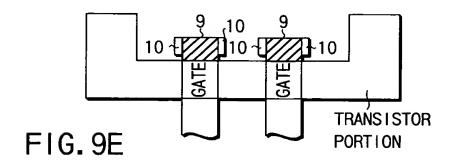


FIG.9C

AREA: A	FRINGE
A <a< td=""><td>+3W</td></a<>	+3W
a <b>≦</b> A <b< td=""><td>+2W</td></b<>	+2W
b <b>≦</b> A <c< td=""><td>+W</td></c<>	+W
c≦A	0

FIG. 9D



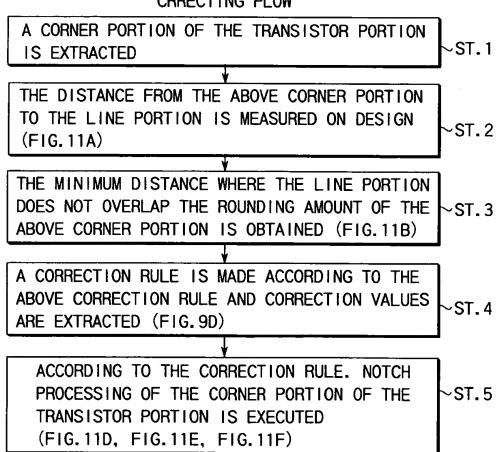


FIG. 10

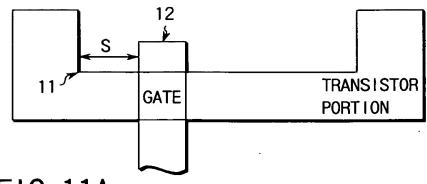
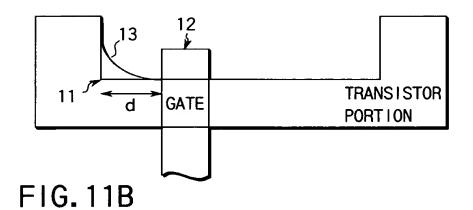


FIG. 11A



DISTANCE: S CORRECTION

S<d NOTCH PROCESSING

S≧d NO NOTCH PROCESSING

FIG. 11C

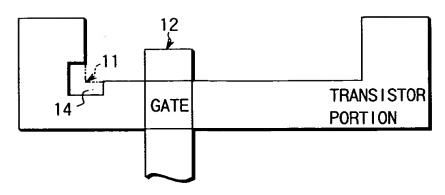


FIG. 11D

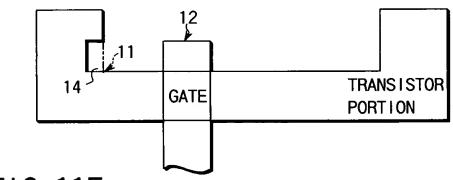
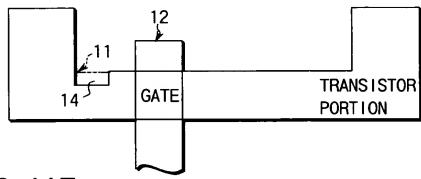


FIG. 11E



**FIG. 11F** 

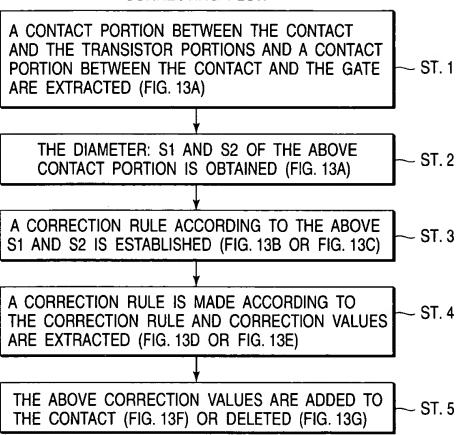
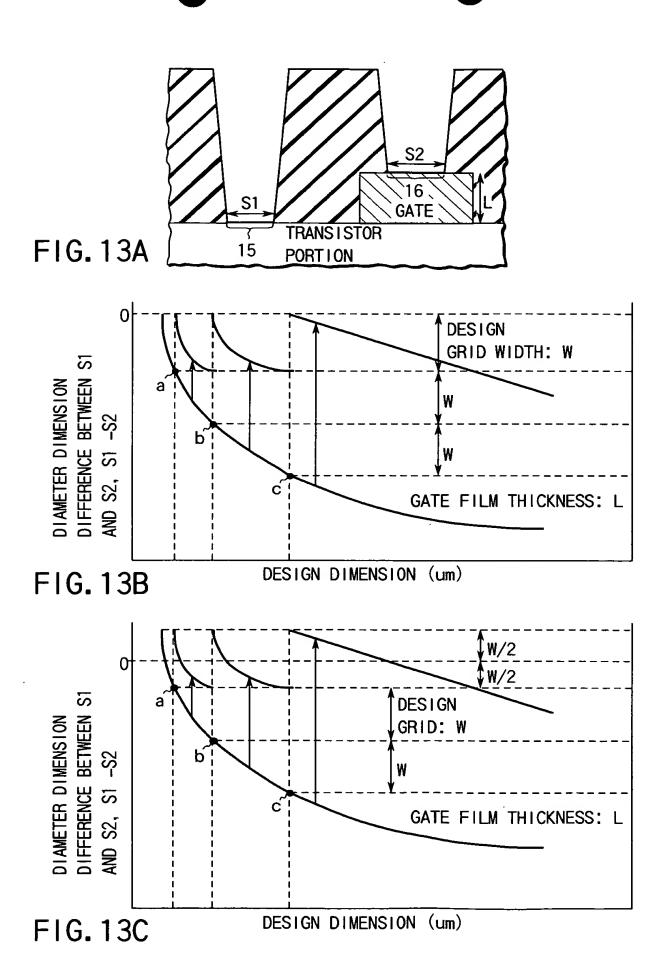


FIG. 12

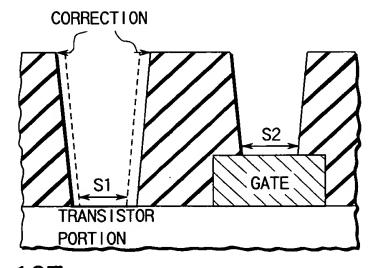


DESIGN DIMENSION	BIAS AMOUNT TO BE ADDED TO S1
S≦a	0
a <s<b>≦b</s<b>	+W
b≤S≦c	+2W
S>c	+3W

FIG. 13D

DESIGN DIMENSION	BIAS AMOUNT TO BE SUBTRACTED FROM S2
S≦a	0
a <s≦b< td=""><td>_w</td></s≦b<>	_w
b <s≦c< td=""><td></td></s≦c<>	
S>c	—3W

FIG. 13E

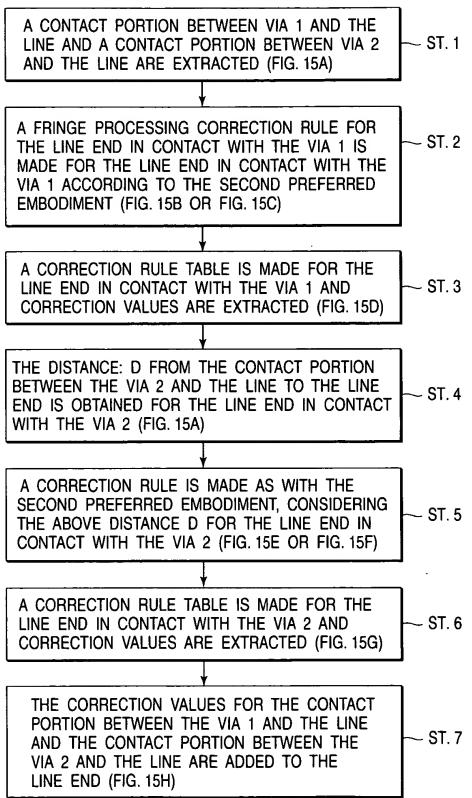


CORRECTION

S1

TRANSISTOR
PORTION

FIG. 13G



F I G. 14

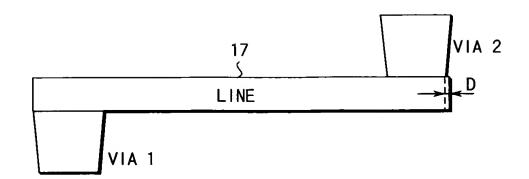


FIG. 15A

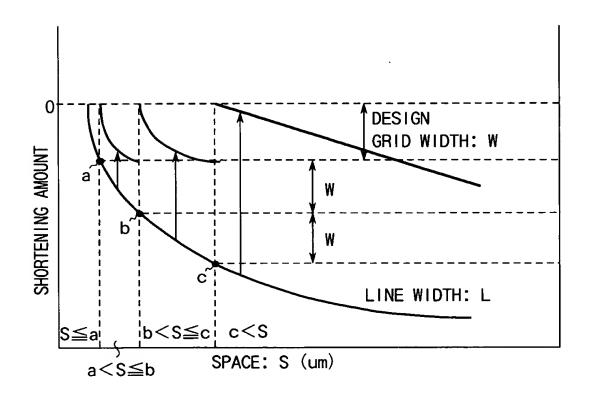


FIG. 15B

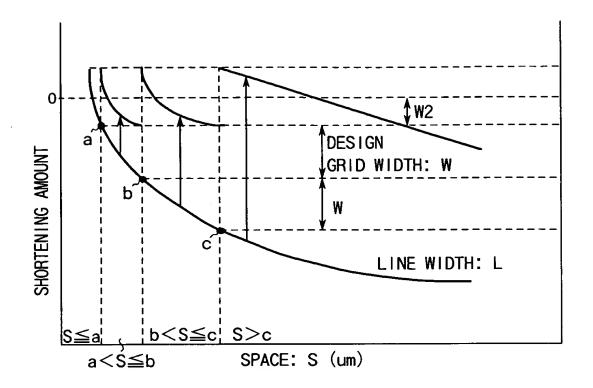
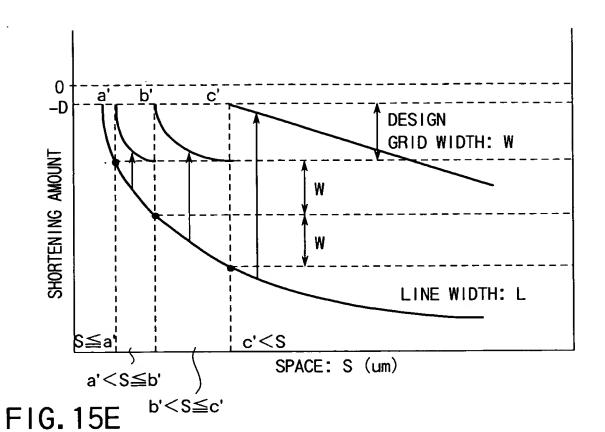
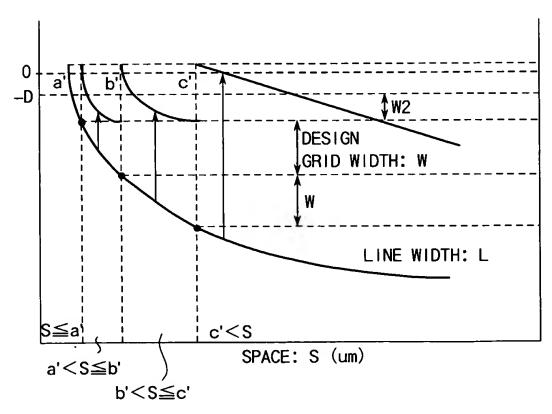


FIG. 15C

SPACE	FRINGE
S≦a	0
a <s<b>≦b</s<b>	+-W
b <s≦c< td=""><td>+2W</td></s≦c<>	+2W
S>c	+3W

FIG. 15D

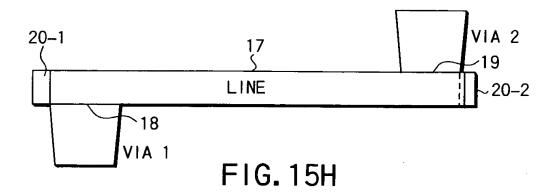




**FIG. 15F** 

SPACE	FRINGE
S <b>≦</b> a'	0
a' <s≦b'< td=""><td>+-W</td></s≦b'<>	+-W
b' <s<b>≦c'</s<b>	+2W
S>c'	+3W

FIG. 15G



A CORRECTION RULE TABLE IS MADE FOR THE RESPECTIVE CORRECTION RULES ACCORDING TO THE FIRST TO FIFTH AND THE SEVENTH PREFERRED EMBODIMENTS

∼ST. 1

CONSIDERING A MISALIGNMENT AMOUNT ACCORDING TO THE ABOVE CORRECTION RULE TABLE, A CORRECTION RULE TABLE SHOWN IN FIG. 17A IS MADE FROM THE FIRST, SECOND, THIRD AND SEVENTH PREFERRED EMBODIMENTS, A CORRECTION RULE TABLE SHOWN IN FIG. 17B FROM THE FOURTH PREFERRED EMBODIMENT, AND A CORRECTION RULE TABLE SHOWN IN FIG. 17C FROM THE FIFTH PREFERRED EMBODIMENT

~ST. 2

CORRECTION PROCESSING IS CARRIED OUT FOR EACH OF THE ABOVE PREFERRED EMBODIMENT, CONSIDERING THE MISALIGNMENT AMOUNT

~ST.3

FIG. 16

SPACE	FRINGE
S≦a	+C
a <s<b>≦b</s<b>	+W+C
b <s≦c< td=""><td>+2W+C</td></s≦c<>	+2W+C
S>c	+3W+C

FIG. 17A

AREA	FRINGE
S≦a	+3W+C
a <s≦b< td=""><td>+2W+C</td></s≦b<>	+2W+C
b <s≦c< td=""><td>+W+C</td></s≦c<>	+W+C
S>c	+c

FIG. 17B

DISTANCE: S	CORRECTION
S <a-c< td=""><td>NOTCH PROCESSING</td></a-c<>	NOTCH PROCESSING
S≧a−C	NO NOTCH PROCESSING

FIG. 17C

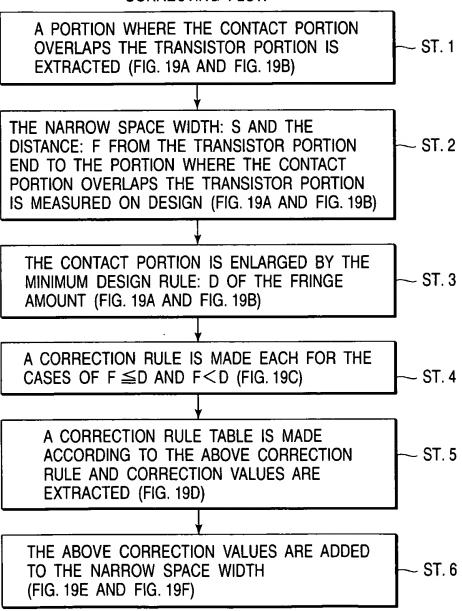
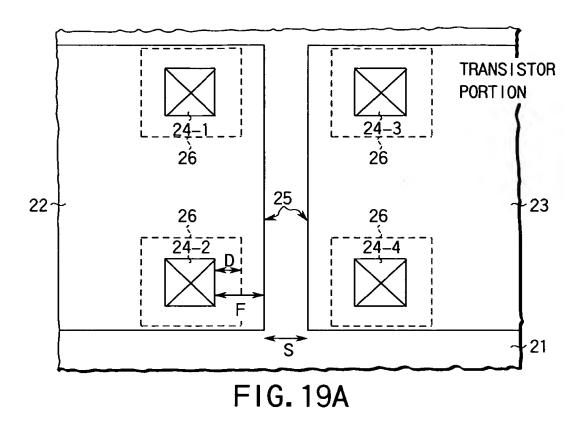
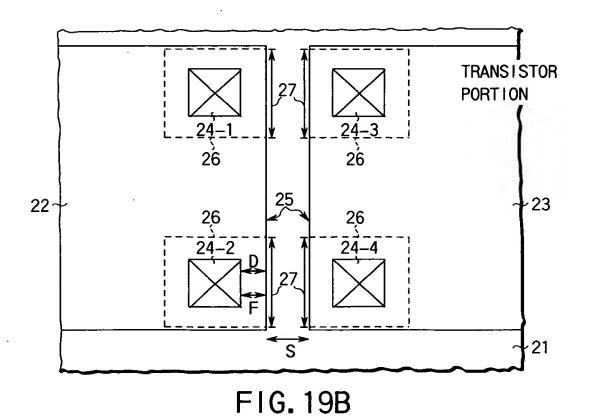


FIG. 18





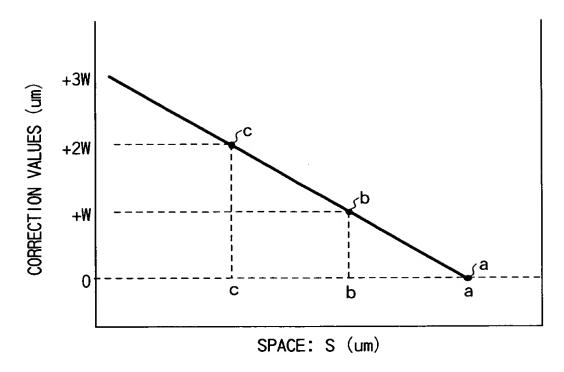


FIG. 19C

SPACE	CORRECTION
S≧a	0
b≦S <a< td=""><td>+W</td></a<>	+W
c≦S <b< td=""><td>+2W</td></b<>	+2W
S <c< td=""><td>+3W</td></c<>	+3W

FIG. 19D

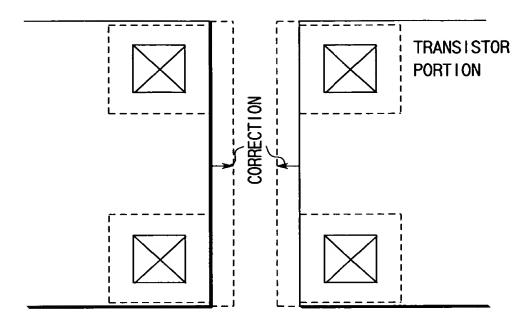


FIG. 19E

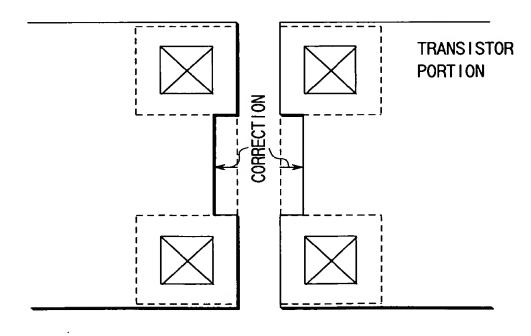


FIG. 19F